SUBMISSION ID: FACILITY:

16256

SEDO

STATUS:

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

PERMIT NUMBER:

Original 0IL00091*GD

LOCATION: COUNTY: DISTRICT:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

2008-06-01 To: 2008-06-30

Tra-Det Inc. Laura K. Wright

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Total Precipitation	Flow Rate	pН	Total Suspended Solids	Iron, Total (Fe)	Manganese, Total (Mn)	
PARAMETER CODE	00045	50050	00400	00530	01045	01055	
UNITS	24258390	4108	6653	4106	4107	4107	
FREQUENCY SAMPLING TYPE	1/Day	1/Day Total Estimate	1 / 2 Weeks Grab	1 / 2 Weeks Grab	1 / 2 Weeks Grab	1 / 2 Weeks Grab	
2008-06-01	Total 0	AN	Grao	Grab	Grab	Grab	
2008-06-02	0	0.001	-	<u> </u>	 	 	
2008-06-03	1.62	0.001		 	1	† 	
2008-06-04	1.14	0.005					
2008-06-05	0	0.004					
2008-06-06	0	0.003					
2008-06-07	0	AN					
2008-06-08	0	AN					
2008-06-09	0.12	0.005	7.9	7.2	170	110	
2008-06-10	0	0.004					
2008-06-11	0	0.003					
2008-06-12	0	0.001					
2008-06-13	0.54	0.005					
2008-06-14	0.33	AN					
2008-06-15	0	AN					
2008-06-16	0.65	0.003					
2008-06-17	0	0.004					
2008-06-18	0.17	0.003					
2008-06-19	10.0	0.004					
2008-06-20	0	0.004					
2008-06-21	0	AN					
2008-06-22	0.04	AN		•			
2008-06-23	0	0.018					
2008-06-24	0	0.022					
2008-06-25	0	0.004	8.1	4.8	200	120	
2008-06-26	0	0.006					
2008-06-27	0	0.002					
2008-06-28	0.98	AN					
2008-06-29	0.14	AN					
2008-06-30	0.47	0.06					
Minimum	0.0	0.0010	7.9	4.8	170.0	110.0	
Maximum Average	1.62 0.207	0.06 0.00771	8.1	7.2 6	200.0 185	120.0 115	
Count	30	21	2	2	2	2	
Name of Responsible Offici or Authorized Representati	ve with the information individuals immediate submitted information	submitted herein and ba ely responsible for obta n is true, accurate and c	personally examined an used on my inquiry of the ining the information, I omplete. I am aware that	believe the		le Official or Authorized entative	Submission Date/Time
Adam Hartley	significant penalties f fine and imprisonmer		ermation, including the	possibility of		Page 1	2008-07-17

Page 1

SUBMISSION ID:

16256

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

STATUS: PERMIT NUMBER: STATION CODE: MONITORING PERIOD: REPORTING LAB: Original 0IL00091*GD

2008-06-01 To: 2008-06-30

Tra-Det Inc. Laura K. Wright

COUNTY: DISTRICT:

FACILITY:

LOCATION:

Belmont SEDO

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Total Precipitation	Flow Rate	Conductivity	рН	Residue, Total Dissolved	Total Suspended Solids	Iron, Total (Fe)
PARAMETER CODE	00045	50050	00094	00400	00515	00530	01045
UNITS	24258390	4108	24258362	6653	4106	4106	4107
FREQUENCY SAMPLING TYPE	1/Day Total	1/Day Total Estimate	1 / 2 Weeks Grab	1 / 2 Wee Grab	ks 1/2 Weeks Grab	1 / 2 Weeks Grab	1 / 2 Weeks Grab
2008-06-01	0	AN					
2008-06-02	0	0.15					
2008-06-03	1.62	0.148					
2008-06-04	1.14	0.38					
2008-06-05	0	0.275					
2008-06-06	0	0.288					
2008-06-07	0	AN					
2008-06-08	0	AN					
2008-06-09	0.12	0.21	9600	8	6800	AA 10	150
2008-06-10	0	0.188					
2008-06-11	0	0.192					
2008-06-12	0	0.173					
2008-06-13	0.54	0.186					
2008-06-14	0.33	AN					
2008-06-15	0	AN					
2008-06-16	0.65	0.18					
2008-06-17	0	0.288					
2008-06-18	0.17	0.189					
2008-06-19	0.01	0.28					
2008-06-20	0	0.195					
2008-06-21	0	AN ·					
2008-06-22	0.04	AN	İ				
2008-06-23	0	0.225					
2008-06-24	0	0.19					
2008-06-25	0	0.184	680	8.2	6800	AA 10	210
2008-06-26	0	0.192					
2008-06-27	0	0.186					
2008-06-28	0.98	AN					
2008-06-29	0.14	AN					
2008-06-30	0.47	0.24					
Minimum	0.0	0.148	680.0	8.0	6800.0	0.0	150.0
Maximum	1.62	0.38	9600.0	8.2	6800.0	0.0	210.0
Average Count	0.207 30	0.21614 21	5140 2	2	6800	0 2	180
Name of Responsible Official	•		personally examined and		Signature of Responsibl		
or Authorized Representati	with the information : individuals immediate submitted information	submitted herein and ba ely responsible for obtain is true, accurate and co or submitting false info	sed on my inquiry of the ining the information, I omplete. I am aware tha rmation, including the p	ose believe the t there are		Page 2	2008-07-1

https://ebiz.epa.ohio.gov/edwr.web/page/report/viewWithXslt.do?actType=viewWithXslt...

SUBMISSION ID:

16256

STATUS:

Original 0IL00091*GD

FACILITY: LOCATION: American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

COUNTY: DISTRICT: SEDO

PERMIT NUMBER: STATION CODE: MONITORING PERIOD: REPORTING LAB:

008 2008-06-01 To: 2008-06-30 Tra-Det Inc.

ANALYST: NO DISCHARGE INDICATOR:

Laura K. Wright

PARAMETER	Manganese, Total			<u> </u>					
PARAMETER CODE	(Mn) 01055							<u> </u>	
UNITS	4107							┝	
FREQUENCY	1/2 Weeks							_	
SAMPLING TYPE	Grab								
2008-06-01									
2008-06-02			<u>:</u> .					L	
2008-06-03									
2008-06-04									
2008-06-05									
2008-06-06									
2008-06-07									
2008-06-08									
2008-06-09	200								
2008-06-10									
2008-06-11									
2008-06-12									
2008-06-13									
2008-06-14									
2008-06-15									
2008-06-16									
2008-06-17									
2008-06-18									
2008-06-19									
2008-06-20									
2008-06-21									
2008-06-22									
2008-06-23									
2008-06-24									
2008-06-25	350								
2008-06-26									
2008-06-27									
2008-06-28									
2008-06-29									
2008-06-30									15445
Minimum	200.0								
Maximum	350.0								
Average Count	275								
Name of Responsible Officia	:	alty of law that I have a	ornanally or	om forsitte	Si	pnature of Responsible	Official or Authorized		Submission
or Authorized Representativ	with the information s individuals immediate	alty of law that I have p submitted herein and basely responsible for obtain is true, accurate and co	sed on my inquiry of tho ning the information, I h	se believe the	5,1	Represe		•	Date/Time
Adam Hartley	Adam Hartley submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				2008-07-17				
Page 3									

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SUBMISSION ID: FACILITY:

LOCATION:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

STATUS:

0IL00091*GD

PERMIT NUMBER: 011

COUNTY: DISTRICT: SEDO STATION CODE: MONITORING PERIOD: REPORTING LAB:

2008-06-01 To: 2008-06-30 Tra-Det Inc.

Laura K. Wright

PARAMETER	Total Precipitation	Flow Rate	pH	Iron, Total (F	e) Manganese, Total (Mn)		
PARAMETER CODE	00045	50050	00400	01045	01055	<u> </u>	
UNITS	24258390	4108	6653	4107	4107		
FREQUENCY	1/Day	1/Day	1 / 2 Weeks	1 / 2 Weeks			
SAMPLING TYPE	Total	Total Estimate	Grab	Grab	Grab		
2008-06-01	0	AN					
2008-06-02	0	0.095	·				
2008-06-03	1.62	0.099					
2008-06-04	1.14	0.15		<u> </u>			
2008-06-05	0	0.121					
2008-06-06	0	0.095					
2008-06-07	0	AN					
2008-06-08	0	AN					
2008-06-09	0.12	0.085	8.2	140	62		
2008-06-10	0	0.089					
2008-06-11	0	0.095					
2008-06-12	0	0.086					
2008-06-13	0.54	0.092					
2008-06-14	0.33	AN					
2008-06-15	0	AN					
2008-06-16	0.65	0.096					
2008-06-17	0	0.128	1				
2008-06-18	0.17	0.095					
2008-06-19	0.01	0.123		1			
2008-06-20	0	0.098					
2008-06-21	0	AN					· · · · · · · · · · · · · · · · · · ·
2008-06-22	0.04	AN					
2008-06-23	0	0.099					
2008-06-24	0	0.1					
2008-06-25	0	0.12	8.6	200	56		
2008-06-26	0	0.121					
2008-06-27	0	0.092					'
2008-06-28	0.98	AN					
2008-06-29	0.14	AN					
2008-06-30	0.47	0.098					
Minimum	0.0	0.085	8.2	140.0	56.0		
Maximum	1.62	0.15	8.6	200.0	62.0		
Average	0.207	0.10367		170	59		
Count	30	21	2	2	2		
Name of Responsible Officia or Authorized Representation Adam Hartley	with the information individuals immediate submitted information significant penalties f	nalty of law that I have submitted herein and ba cly responsible for obtain is true, accurate and cor submitting false info	sed on my inquiry of the ining the information, I complete. I am aware the	believe the at there are	Signature of Responsibl Represe		Submission Date/Time 2008-07-17
	fine and imprisonmer		- '			Page 4	

STATUS:

SUBMISSION ID:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Original

PERMIT NUMBER: STATION CODE: MONITORING PERIOD: 0IL00091*GD

Belmont

2008-06-01 To: 2008-06-30 Tra-Det Inc.

COUNTY: DISTRICT:

FACILITY:

LOCATION:

REPORTING LAB: ANALYST: NO DISCHARGE INDICATOR: AL

Laura K. Wright

PARAMETER	Total Precipitation	Flow Rate	Conductivity	pН		Residue, Total	Total Suspended	Iron	Total (Fe)
PARAMETER CODE	00045	50050	00094	0040		Dissolved 00515	Solids 00530		01045
UNITS	24258390	4108	24258362	6653		4106	4106		4107
FREQUENCY	1/Day	1/Day	1/2 Weeks	1 / 2 W		1/2 Weeks	1/2 Weeks		2 Weeks
SAMPLING TYPE	Total	Total Estimate	Grab	Gral		Grab	Grab		Grab
2008-06-01				İ					
2008-06-02			ļ			ļ			
2008-06-03									
2008-06-04									
2008-06-05									
2008-06-06									
2008-06-07									
2008-06-08									
2008-06-09									
2008-06-10						-			
2008-06-11									
2008-06-12									
2008-06-13									
2008-06-14									
2008-06-15		<u> </u>							
2008-06-16							· · · · · · · · · · · · · · · · · · ·		
2008-06-17									
2008-06-18			1			,			*****
2008-06-19									
2008-06-20			i e						
2008-06-21				†					
2008-06-22									***
2008-06-23									-
2008-06-24						•			
2008-06-25									
2008-06-26									
2008-06-27				†					
2008-06-28			-	<u> </u>					
2008-06-29									
2008-06-30									
Minimum				-					
Maximum									
Average									
Count Name of Responsible Officia	i l				61	amotumo of Decession	Official or Authorized	Т	Cubm!!-
or Authorized Representativ	with the information s	ubmitted herein and ba-	personally examined and sed on my inquiry of the ning the information, I	ose	Si	Represe		<u> </u>	Submission Date/Time
Adam Hartley	submitted information	is true, accurate and co or submitting false info	omplete. I am aware that rmation, including the p	there are					2008-07-17

Page 5

STATUS:

SUBMISSION ID:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

PERMIT NUMBER:

01L00091*GD

012

LOCATION: COUNTY: DISTRICT:

FACILITY:

SEDO

STATION CODE: MONITORING PERIOD: REPORTING LAB:

2008-06-01 To: 2008-06-30 Tra-Det Inc.

Laura K. Wright

ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Manganese, Total		1	<u> </u>			
	(Mn)						
PARAMETER CODE UNITS	01055 4107						
FREQUENCY	1 / 2 Weeks						
SAMPLING TYPE	Grab						
2008-06-01							
2008-06-02							
2008-06-03							
2008-06-04							
2008-06-05							
2008-06-06							
2008-06-07							
2008-06-08							
2008-06-09							
2008-06-10						_	
2008-06-11							
2008-06-12							
2008-06-13		<u> </u>					
2008-06-14							
2008-06-15		1					
2008-06-16		ĺ		Ĭ	1		
2008-06-17							
2008-06-18				,	<u> </u>		
2008-06-19							
2008-06-20							
2008-06-21							
2008-06-22							
2008-06-23					1		
2008-06-24					+		
2008-06-25					 		
2008-06-26							
2008-06-27					- 		
2008-06-28		·			+		
2008-06-29					+		
					+		
2008-06-30 Minimum							
Maximum		<u> </u>	-				
Average							
Count	, 1	<u> </u>		L	<u> </u>		10111
Name of Responsible Officia or Authorized Representativ	e with the information	submitted herein and ba	personally examined and sed on my inquiry of the ning the information, I be	se	Signature of Responsible Represe	ntative	Submission Date/Time
Adam Hartley	submitted information	n is true, accurate and co or submitting false info	omplete. I am aware that rmation, including the po	there are			2008-07-17
	•			·		Page 6	· · · · · · · · · · · · · · · · · ·

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SUBMISSION ID:

16256

American Energy Corp Century Mine

LOCATION: COUNTY: DISTRICT:

FACILITY:

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

SEDO

STATUS:

Original

PERMIT NUMBER: 01L00091*GD

STATION CODE: MONITORING PERIOD: REPORTING LAB:

2008-06-01 To: 2008-06-30

Tra-Det Inc. ANALYST: Laura K. Wright NO DISCHARGE INDICATOR: AL

PARAMETER	Total Precipitation	Flow Rate	Conductivity	pН		Residue, Total Dissolved	Total Suspended Solids	Iron, Total (Fe)
PARAMETER CODE	00045	50050	00094	0040	0	00515	00530	01045
UNITS	24258390	4108	24258362	6653		4106	4106	4107
FREQUENCY	1/Day	1/Day	1 / 2 Weeks	1 / 2 W		1/2 Weeks	1 / 2 Weeks	1/2 Weeks
SAMPLING TYPE	Total	Total Estimate	Grab	Grat	b	Grab	Grab	Grab
2008-06-01								
2008-06-02								
2008-06-03								
2008-06-04								
2008-06-05								
2008-06-06								<u> </u>
2008-06-07								
2008-06-08								
2008-06-09								•
2008-06-10						N		***
2008-06-11								
2008-06-12			:					
2008-06-13				<u> </u>			-	
2008-06-14								
2008-06-15								
2008-06-16				·····				
2008-06-17			·	<u> </u>				
2008-06-18								
2008-06-19			<u> </u>					
2008-06-20								
2008-06-21								
2008-06-22								
2008-06-23								
2008-06-24								
2008-06-25							·	
2008-06-26								
2008-06-27								
2008-06-28								
2008-06-29								
2008-06-30								
Minimum								
Maximum								
Average								
Count						<u> </u>		
Name of Responsible Officia or Authorized Representativ	p certify under the pen	alty of law that I have p			Sig	gnature of Responsible Represe	Official or Authorized	Submission Date/Time
Adam Hartley	individuals immediate submitted information	abmitted herein and basely responsible for obtain is true, accurate and coor submitting false infor t.	ning the information, I lomplete. I am aware that	believe the t there are		Represei	Page 7	2008-07-17

SUBMISSION ID:

FACILITY:

COUNTY:

DISTRICT:

LOCATION:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Belmont SEDO

STATUS:

Original

PERMIT NUMBER: STATION CODE:

0IL00091*GD

MONITORING PERIOD:
REPORTING LAB:

2008-06-01 To: 2008-06-30

Tra-Det Inc. Laura K. Wright

ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Manganese, Total			T					
PARAMETER CODE	(Mn) 01055			<u> </u>					
UNITS	4107								
FREQUENCY	1/2 Weeks								
SAMPLING TYPE	Grab			<u> </u>					
2008-06-01									
2008-06-02									
2008-06-03									
2008-06-04									
2008-06-05									
2008-06-06		·							
2008-06-07									
2008-06-08									
2008-06-09									
2008-06-10									
2008-06-11									
2008-06-12									
2008-06-13									
2008-06-14									
2008-06-15									
2008-06-16									
2008-06-17									
2008-06-18									
2008-06-19									
2008-06-20									
2008-06-21								<u></u>	
2008-06-22									
2008-06-23				Ì					
2008-06-24									
2008-06-25									
2008-06-26									
2008-06-27	1								
2008-06-28				1					
2008-06-29									
2008-06-30									
Minimum				1		<u> </u>			
Maximum	1	 				Ĭ			
Average									
Count				L					
Name of Responsible Officia or Authorized Representative		nalty of law that I have p submitted herein and bas	personally examined and	l am familiar	Si	gnature of Responsible Represe	Official or Authorized ntative	I Subm Date/	nission /Time
Adam Hartley	individuals immediat submitted informatio	cly responsible for obtain is true, accurate and co for submitting false infor	ning the information, I to emplete. I am aware that	believe the there are				2008-	-07-17
							Page 8		

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SUBMISSION ID:

FACILITY:

COUNTY:

DISTRICT:

16256

SEDO

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 LOCATION:

Belmont

STATUS:

Original

PERMIT NUMBER: 0IL00091*GD STATION CODE: 014

MONITORING PERIOD: REPORTING LAB:

2008-06-01 To: 2008-06-30 Tra-Det Inc.

ANALYST:

Laura K. Wright

NO DISCHARGE INDICATOR: AL

PARAMETER	Total Precipitation	Flow Rate	pН	Total Susp Solids		Iron, Total (Fe)	Manganese, Total	Cor	ductivity
PARAMETER CODE	00045	50050	00400	00530		01045	(Mn) 01055		00094
UNITS	24258390	4108	6653	4106		4107	4107		258362
FREQUENCY	I/Day	1/Day	1/Week	1/Wee		1/Week	1/Week	1/	2 Weeks
SAMPLING TYPE	Total	Total Estimate	Grab	Grab		Grab	Grab		Grab
2008-06-01				 					
2008-06-02									
2008-06-03				ļ					
2008-06-04				<u> </u>					
2008-06-05									
2008-06-06									
2008-06-07									
2008-06-08									
2008-06-09									
2008-06-10									
2008-06-11									
2008-06-12									<u>'</u>
2008-06-13									
2008-06-14									,
2008-06-15									
2008-06-16									
2008-06-17									
2008-06-18				1					
2008-06-19				1					
2008-06-20									
2008-06-21									
2008-06-22				*					
2008-06-23						•			
2008-06-24									
2008-06-25									
2008-06-26				<u> </u>					
2008-06-27									
2008-06-28				† · · · · ·					
2008-06-29									
2008-06-30				1					
Minimum				1					
Maximum						_			
Average									
Count									
Name of Responsible Officia or Authorized Representativ	- Doille y direct the per	alty of law that I have p			Sig	nature of Responsible Represe	Official or Authorized		Submission Date/Time
Adam Hartley	individuals immediate submitted information	ubmitted herein and bas ly responsible for obtain is true, accurate and co or submitting false infort.	ning the information, I emplete. I am aware tha	believe the it there are		Represe			2008-07-17
	1						Page 9		

SUBMISSION ID:

FACILITY:

COUNTY:

DISTRICT:

LOCATION:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Belmont SEDO

STATUS:

Original

0IL00091*GD

PERMIT NUMBER: STATION CODE: MONITORING PERIOD: REPORTING LAB:

014 **2008-06-01** To: **2008-06-30**

Tra-Det Inc. Laura K. Wright

ANALYST: NO DISCHARGE INDICATOR: AL

***************************************	Residue, Total	I	T	T			<u> </u>	1
PARAMETER	Dissolved							
PARAMETER CODE UNITS	00515 4106							
FREQUENCY	1 / 2 Weeks							
SAMPLING TYPE	Grab							
2008-06-01								
2008-06-02								
2008-06-03	L							
2008-06-04								
2008-06-05								
2008-06-06								
2008-06-07						****		
2008-06-08								
2008-06-09								
2008-06-10			ĺ					
2008-06-11	· · · · · ·		· · · · · · · · · · · · · · · · · · ·					
2008-06-12								
2008-06-13				<u> </u>				
2008-06-14								
2008-06-15								
2008-06-16								
2008-06-17		· ,						
2008-06-18				<u> </u>				*****
2008-06-19								
2008-06-20				i e				
2008-06-21								
2008-06-22				_				
2008-06-23								
2008-06-24								
2008-06-25								
2008-06-26		 						
2008-06-27								
2008-06-28				·				
2008-06-29								
2008-06-30					····			
Minimum								
Maximum								
Average								
Count			L	<u> </u>				
Name of Responsible Officia or Authorized Representative	I certify under the per	nalty of law that I have p	personally examined and	am familiar	Sig	nature of Responsible Represe	Official or Authorized	Submission Date/Time
Adam Hartley	submitted information	ely responsible for obtain is true, accurate and co for submitting false infor	ning the information, I b implete. I am aware that	there are				2008-07-17
						<u> </u>	Page 10	

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SUBMISSION ID:

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

16256

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

SEDO

STATUS:

Original

0IL00091*GD

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

2008-06-01 To: 2008-06-30

Tra-Det Inc. Laura K. Wright

PARAMETER	Total Precipitation	· Flow Rate	Conductivity	рН	Residue, Total Dissolved	Total Suspended Solids	Iron, Total (Fe)
PARAMETER CODE	00045	50050	00094	00400		00530	01045
UNITS	24258390	4108	24258362	6653	· 4106	4106	4107
FREQUENCY	1/Day	1/Day	1/2 Weeks	1 / 2 Wee		1 / 2 Weeks	1 / 2 Weeks
SAMPLING TYPE	Total	Total Estimate	Grab	Grab	Grab	Grab	Grab
2008-06-01	0	AN					
2008-06-02	0	0.016					
2008-06-03	1.62	0.014					
2008-06-04	1.14	0.03					
2008-06-05	0	0.016					
2008-06-06	0	0.017					
2008-06-07	0	AN					
2008-06-08	0	AN		Î		1	
2008-06-09	0.12	0.015	9200	7.9	6600	AA 10	2900
2008-06-10	0	0.012					
2008-06-11	0	0.016					
2008-06-12	0	0.012					
2008-06-13	0.54	0.008					
2008-06-14	0.33	AN				 	
2008-06-15	0	AN					
2008-06-16	0.65	0.009					
2008-06-17	0	0.015					
2008-06-18	0.17	0.008					
2008-06-19	0.01	0.012					
2008-06-20	0	0.012				-	
2008-06-21	0	AN					· · · · · · · · · · · · · · · · · · ·
2008-06-22	0.04	AN					
2008-06-23	0	0.009				 	
2008-06-24	0	0.01		<u> </u>			
2008-06-25	0	0.008	650	8.1	5200	AA 10	540
2008-06-26	0	0.008	030	0.1	3200	AA 10	340
2008-06-27	0	0.028				-	
2008-06-28	0.98						
2008-06-29	ł · · · · · · · · · · · · · · · · · · ·	AN				 	
	0.14	AN					
2008-06-30 Minimum	0.47	0.043	650.0	7.0	5000.0	0.0	510.0
Maximum	1.62	0.0080 0.043	650.0 9200.0	7.9 8.1	5200.0 6600.0	0.0	540.0 2900.0
Average	0.207	0.01514	4925	0.1	5900	0.0	1720
Count	30	21	2	2	2	2	2
Name of Responsible Officia	-		ersonally examined and	1	Signature of Responsible		Submission
or Authorized Representativ Adam Hartley	with the information s individuals immediate submitted information	ubmitted herein and bas ly responsible for obtain is true, accurate and co or submitting false infor	sed on my inquiry of the ning the information, I h mplete. I am aware that mation, including the po	se believe the there are	Represe		2008-07-1
						Page 11	

SUBMISSION ID:

FACILITY:

LOCATION: COUNTY:

DISTRICT:

16256

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

SEDO

STATUS:

Original 0IL00091*GD

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

015 **2008-06-01** To: **2008-06-30**

Tra-Det Inc. Laura K. Wright

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER CODE	
PARAMETER CODE	
FREQUENCY 1/2 Weeks SAMPLING TYPE Grab 2008-06-01 2008-06-02 2008-06-03 2008-06-03 2008-06-04 2008-06-05 2008-06-05 2008-06-06 2008-06-06 2008-06-06 2008-06-09 680 2008-06-10 2008-06-10 2008-06-10 2008-06-11 2008-06-12 2008-06-13 2008-06-14 2008-06-14 2008-06-15 2008-06-16 2008-06-16 2008-06-16 2008-06-16 2008-06-16 2008-06-16 2008-06-16 2008-06-16 2008-06-16 2008-06-16 2008-06-17 2008-06-18 2008-06-18 2008-06-20 2008-06-20 2008-06-21 2008-06-20 2008-06-21 2008-06-21 2008-06-22 2008-06-23 2008-06-24 2008-06-25 1300 2008-06-27 2008-06-28 2008-06-28 2008-06-29 2008-06	
SAMPLING TYPE Grab 2008-06-02 2008-06-03 2008-06-03 2008-06-04 2008-06-05 2008-06-06 2008-06-07 2008-06-08 2008-06-09 880 2008-06-10 2008-06-11 2008-06-12 2008-06-13 2008-06-13 2008-06-15 2008-06-15 2008-06-17 2008-06-17 2008-06-18 2008-06-19 2008-06-19 2008-06-20 2008-06-21 2008-06-21 2008-06-24 2008-06-25 2008-06-27 2008-06-29 2008-06-20 2008-06-29 2008-06-20 2008-06-29 2008-06-29 2008-06-29 2008-06-20 2008-06-29 2008-06-20 2008-06-29 2008-06-29 2008-06-29 2008-06-29 2008-06-20 2008-06-29 2008-06-29 2008-06-29 2008-06-29 2008-06-29 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Maximum 1300.0 Maximum 1300.0 Maximum 1300.0 Maximum 1300.0 Maximum 1300.0	
2008-06-01 2008-06-02 2008-06-03 2008-06-04 2008-06-05 2008-06-07 2008-06-07 2008-06-09 680 2008-06-10 2008-06-10 2008-06-11 2008-06-12 2008-06-13 2008-06-14 2008-06-15 2008-06-16 2008-06-17 2008-06-12 2008-06-12 2008-06-12 2008-06-12 2008-06-12 2008-06-12 2008-06-12 2008-06-12 2008-06-12 2008-06-12 2008-06-12 2008-06-13 2008-06-14 2008-06-15 2008-06-16 2008-06-17 2008-06-16 2008-06-17 2008-06-18 2008-06-20 2008-06-21 2008-06-21 2008-06-21 2008-06-22 2008-06-23 2008-06-24 2008-06-25 2008-06-27 2008-06-28 2008-06-27 2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Maximum 1300.0 Maximum 1300.0	
2008-06-02 2008-06-03 2008-06-04 2008-06-05 2008-06-06 2008-06-07 2008-06-08 2008-06-09 680 2008-06-10 2008-06-11 2008-06-12 2008-06-12 2008-06-13 2008-06-14 2008-06-15 2008-06-16 2008-06-17 2008-06-18 2008-06-19 2008-06-19 2008-06-20 2008-06-22 2008-06-23 2008-06-24 2008-06-27 2008-06-28 2008-06-29 2008-06-29 2008-06-29 2008-06-29 2008-06-20 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0	
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2008-06-20 2008-06-21 2008-06-22 2008-06-23 2008-06-24 2008-06-25 1300 2008-06-26 2008-06-27 2008-06-27 2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	+
2008-06-21 2008-06-22 2008-06-23 2008-06-24 2008-06-25 1300 2008-06-26 2008-06-26 2008-06-27 2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
2008-06-22 2008-06-23 2008-06-24 2008-06-25 1300 2008-06-26 2008-06-26 2008-06-27 2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
2008-06-23 2008-06-24 2008-06-25 1300 2008-06-26 2008-06-26 2008-06-27 2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
2008-06-24 2008-06-25 1300 2008-06-26 2008-06-27 2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
2008-06-25 1300	
2008-06-26 2008-06-27 2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
2008-06-27 2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
2008-06-28 2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
2008-06-29 2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
2008-06-30 Minimum 680.0 Maximum 1300.0 Average 990	
Minimum 680.0 Maximum 1300.0 Average 990	
Maximum 1300.0 Average 990	
Maximum 1300.0 Average 990	
Name of Responsible Official or Authorized Representative or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the	orized Submission Date/Time
Adam Hartley Adam Hartley Submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2008-07-17

Page 12

SUBMISSION ID:

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

16256

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88

Beallsville, OH 43716 Belmont

SEDO

STATUS:

ANALYST:

Original

PERMIT NUMBER: 01L00091*GD

STATION CODE:

MONITORING PERIOD: REPORTING LAB:

016 2008-06-01 To: 2008-06-30

Tra-Det Inc. Laura K. Wright

NO DISCHARGE INDICATOR: AL

PARAMETER	Total Precipitation	Flow Rate	Conductivity	pН	ī	Residue, Total Dissolved	Total Suspended	Iro	n, Total (Fe)
PARAMETER CODE	00045	50050	00094	0040)()	00515	Solids 00530	┿	01045
UNITS	24258390	4108	24258362	665		4106	4106	 	4107
FREQUENCY	1/Day	1/Day	1/2 Weeks	1/2W	'eeks	1/2 Weeks	1/2 Weeks	1	/ 2 Weeks
SAMPLING TYPE	Total	Total Estimate	Grab	Gra	b	Grab	Grab		Grab
2008-06-01									
2008-06-02		· · · · · · · · · · · · · · · · · · ·		ļ					
2008-06-03						<u> </u>			
2008-06-04				ļ					
2008-06-05									
2008-06-06									
2008-06-07						L			
2008-06-08									
2008-06-09									
2008-06-10									
2008-06-11									
2008-06-12									
2008-06-13									
2008-06-14									
2008-06-15								-	
2008-06-16									
2008-06-17									
2008-06-18									
2008-06-19									
2008-06-20									
2008-06-21				·					
2008-06-22									
2008-06-23									
2008-06-24									
2008-06-25									
2008-06-26								-	
2008-06-27									
2008-06-28									
2008-06-29	_								
2008-06-30									
Minimum									·
Maximum									
Average									
Count				L	ليسم				
Name of Responsible Official or Authorized Representative		alty of law that I have p	ersonally examined and	l am familiar	Sig	gnature of Responsible Represer			Submission Date/Time
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are							2008-07-17		
Page 13									

SUBMISSION ID:

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

SEDO

STATUS:

Original

PERMIT NUMBER:

0IL00091*GD 016

STATION CODE: MONITORING PERIOD:

REPORTING LAB:

2008-06-01 To: 2008-06-30 Tra-Det Inc.

NO DISCHARGE INDICATOR: AL

PARAMETER	Manganese, Total								
PARAMETER CODE	(Mn) 01055								
UNITS	4107				-				
FREQUENCY	1 / 2 Weeks								
SAMPLING TYPE	Grab								
2008-06-01									
2008-06-02									
2008-06-03									
2008-06-04									
2008-06-05									
2008-06-06									· · · · · · · · · · · · · · · · · · ·
2008-06-07									
2008-06-08							·		
2008-06-09									
2008-06-10									
2008-06-11									
2008-06-12									
2008-06-13									
2008-06-14									
2008-06-15									
2008-06-16									
2008-06-17									
2008-06-18									
2008-06-19									
2008-06-20								-	
2008-06-21									
2008-06-22									
2008-06-23									
2008-06-24									
2008-06-25				-					
2008-06-26									
2008-06-27									
2008-06-28	-			-					
2008-06-29	17								
2008-06-30									
Minimum Maximum									
Average									
Count									
Name of Responsible Official or Authorized Representative	with the information s	submitted herein and bas	personally examined and sed on my inquiry of the ning the information, I be	se	Si	gnature of Responsible Represe		i	Submission Date/Time
Adam Hartley	individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.							2008-07-17	
Page 14									

SUBMISSION ID:

FACILITY:

LOCATION:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

COUNTY: DISTRICT:

Belmont SEDO

STATUS:

Original

PERMIT NUMBER: STATION CODE:

MONITORING PERIOD: REPORTING LAB:

0IL00091*GD 017

2008-06-01 To: 2008-06-30 Tra-Det Inc.

Laura K. Wright

PARAMETER CODE	Flow Rate	Color, Severity	Odor, Severity		Water Temperature	Dissolved Oxygen	рН
PARAMETER CODE UNITS	00056 4109	00083 4105	01330 4105	01350 4105	00010	00300	00400
FREQUENCY	1/Day	1/Day	1/Day	1/Day	4102 1/Week	4106 1 / 2 Weeks	6653 1 / 2 Weeks
SAMPLING TYPE	Total Estimate	Estimate	Estimate	Estimate	Grab	Grab	Grab
2008-06-01	AN	AN	AN	AN			
2008-06-02	6000	0	0	0	18		
2008-06-03	8000	0	0	0			
2008-06-04	6000	0	0	0	21	7	6.9
2008-06-05	5000	0	0	0			
2008-06-06	7000	0	0	0			
2008-06-07	AN	AN	AN	AN			
2008-06-08	AN	AN	AN	AN			
2008-06-09	9000	0	0	0			V 300-
2008-06-10	7000	0	0	0	21		
2008-06-11	7000	0	0	0			
2008-06-12	5000	0	0	0			
2008-06-13	6000	0	0	0			
2008-06-14	AN	AN	AN	AN			
2008-06-15	AN	AN	AN	AN			
2008-06-16	8000	0	0	0			
2008-06-17	7000	0	0	0			
2008-06-18	8000	0	0	0	22		
2008-06-19	6000	0	0	0	1		
2008-06-20	5000	0	0	0			
2008-06-21	AN	AN	AN	AN			
2008-06-22	AN	AN	AN	AN			
2008-06-23	9000	0	0	0			
2008-06-24	7000	0	0	0			
2008-06-25	7000	0	0	0	22	8	7.4
2008-06-26	6000	0	0	0			
2008-06-27	8000	0	0	. 0			
2008-06-28	AN	AN	AN	AN			
2008-06-29	AN	AN	AN	AN			
2008-06-30	7000	0	0	0			
Minimum	5000.0	0.0	0.0	0.0	18.0	7.0	6.9
Maximum	9000.0	0.0	0.0	0.0	22.0	8.0	7.4
Average	6857.14286	0	0	0	20.8	7.5	
Count	21	21	21	21	5	2	2
Name of Responsible Officials or Authorized Representation Adam Hartley	with the information : individuals immediate submitted information	nalty of law that I have p submitted herein and basely responsible for obtain is true, accurate and co	ed on my inquiry of the ning the information, I mplete. I am aware that	believe the	ignature of Responsible Represer		Submission Date/Time
- Turney	significant penalties f fine and imprisonmen	or submitting false infor it.	mation, including the p	ossibility of	1990	Page 15	2000-07-17

SUBMISSION ID:

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

SEDO

STATUS:

Original

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

0IL00091*GD

2008-06-01 To: 2008-06-30 Tra-Det Inc. Laura K. Wright

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Chlorine, Total Residual	CBOD 5 da	y Fecal Coliform		
PARAMETER CODE	00530	00610	50060	80082	31616		
UNITS	4106	4106	4106	4106	6654		
FREQUENCY	1 / 2 Weeks	1/2 Weeks	1 / 2 Weeks	1/2 Weeks			
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab		
2008-06-01			AN				
2008-06-02			0				
2008-06-03			0				
2008-06-04	AA 4	2.9	0	1			
2008-06-05			0				
2008-06-06			0				
2008-06-07			AN				
2008-06-08			AN				
2008-06-09			0				
2008-06-10			0				
2008-06-11			0	·	20000		
2008-06-12			0				
2008-06-13			0				
2008-06-14			AN			1	
2008-06-15		<u> </u>	AN			1	
2008-06-16			0		- -		
2008-06-17			0				·
2008-06-18	<u> </u>		0				
2008-06-19	-		0				
2008-06-20			0				
2008-06-21			AN				
2008-06-22			AN	<u> </u>			
2008-06-23			0				
2008-06-24			0			ļ	
2008-06-25	AA 4	0.32	0	1.8			
2008-06-26			0				
2008-06-27			0				
2008-06-28			AN				
2008-06-29			AN				100000000000000000000000000000000000000
2008-06-30			0				
Minimum	0.0	0.32	0.0	1.0	20000.0		
Maximum	0.0	2.9	0.0	1.8	20000.0		
Average	0	1.61	0	1.4	20000		
Count	2	2	21	2	1 1		
Name of Responsible Officia or Authorized Representativ Adam Hartley	with the information individuals immediat submitted informatio	nalty of law that I have p submitted herein and bas ely responsible for obtain n is true, accurate and co	ed on my inquiry of the ning the information, I t mplete. I am aware that	ose believe the there are	Signature of Responsible Represe		Submission Date/Time 2008-07-17
,	fine and imprisonmen	for submitting false informat.	madon, including the po	ossimity of		Page 16	

SUBMISSION ID:

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

16256

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Belmont SEDO

STATUS:

Original

PERMIT NUMBER:

0IL00091*GD

STATION CODE: MONITORING PERIOD: REPORTING LAB:

588 2008-06-01 To: 2008-06-30 Tra-Det Inc.

Laura K. Wright

ANALYST: Lau
NO DISCHARGE INDICATOR: AL

	0.1.0.0	T 01 1 37 1	TO DISCHARGE			· · · · · · · · · · · · · · · · · · ·			
PARAMETER	Sludge Solids, Percent Total	Sludge Volume, Gallons					ŀ		
PARAMETER CODE	70318	80991							
UNITS FREQUENCY	4112 1/Month	24258389 1/Month						<u> </u>	
SAMPLING TYPE	Grab	Total		 				\vdash	
2008-06-01									
2008-06-02		1						<u> </u>	
2008-06-03									
2008-06-04									
2008-06-05				1					
2008-06-06		-							
2008-06-07									
2008-06-08									
2008-06-09									
2008-06-10									
2008-06-11									
2008-06-12						<u> </u>			
2008-06-13						ĺ			
2008-06-14									
2008-06-15									
2008-06-16									
2008-06-17									
2008-06-18									•
2008-06-19									
2008-06-20									
2008-06-21							٠		
2008-06-22									
2008-06-23	_								
2008-06-24									
2008-06-25									
2008-06-26									
2008-06-27									
2008-06-28									
2008-06-29									
2008-06-30									
Minimum									
Maximum								<u> </u>	
Average Count					-			$\vdash \vdash$	
Name of Responsible Officia	I certify under the ne	nalty of law that I have t	personally examined and	l am familiar	Si	gnature of Responsible		,	Submission
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.							Date/Time 2008-07-17		
	Page 17								

https://ebiz.epa.ohio.gov/edwr.web/page/report/viewWithXslt.do?actType=viewWithXslt...

SUBMISSION ID:

FACILITY:

LOCATION:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Belmont

COUNTY: DISTRICT: SEDO STATUS:

Original

PERMIT NUMBER:

0IL00091*GD

STATION CODE: MONITORING PERIOD: REPORTING LAB:

601 <u>2008-06-01</u> To: <u>2008-06-30</u> Tra-Det Inc.

Laura K. Wright

ANALYST: Lau
NO DISCHARGE INDICATOR: AL

PARAMETER	Color, Severity	Odor, Severity	Turbidity, Severity	Flow R	ate Dissolved Oxy	gen pH	Total Suspended Solids
PARAMETER CODE	00083	01330	01350	50050	00300	00400	00530
UNITS	4105	4105	4105	4108		6653	4106
FREQUENCY SAMPLING TYPE	1/Day Estimate	1/Day Estimate	1/Day Estimate	1/Day Estima		1 / 2 Weeks Grab	1 / 2 Weeks
2008-06-01	Estimate	Estillate	Estimate	Estinia	ne Grab	Grav	Grab
2008-06-02			1				1
2008-06-03			†				
2008-06-04			1				
2008-06-05			1				1
2008-06-06							
2008-06-07							
2008-06-08							
2008-06-09						,	
2008-06-10							1
2008-06-11							
2008-06-12			:				
2008-06-13							
2008-06-14							
2008-06-15							
2008-06-16							
2008-06-17							
2008-06-18							
2008-06-19							
2008-06-20							
2008-06-21							
2008-06-22							
2008-06-23		<u></u>					
2008-06-24					118. 11		
2008-06-25							
2008-06-26							· · · · · · · · · · · · · · · · · · ·
2008-06-27							
2008-06-28							
2008-06-29							
2008-06-30							
Minimum		1	ļ —				
Maximum Average		 	 				+
Count	·-		1			- 	
Name of Responsible Officia	1	makes of laws that I h	Annonally are in the state of	om for::1:	Signature of Respon	nsible Official or Authori	zed Submission
or Authorized Representativ Adam Hartley	with the information individuals immedial submitted informatio significant penalties	submitted herein and b tely responsible for obta on is true, accurate and of for submitting false info	ased on my inquiry of thos aining the information, I be complete. I am aware that	se elieve the there are			Date/Time
or Authorized Representativ	Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, securate and complete Lam aways that there are						2008

https://ebiz.epa.ohio.gov/edwr.web/page/report/viewWithXslt.do?actType=viewWithXslt...

SUBMISSION ID:

FACILITY:

COUNTY:

DISTRICT:

LOCATION:

16256

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

SEDO

STATUS:

Original

PERMIT NUMBER:

0IL00091*GD

STATION CODE: MONITORING PERIOD: REPORTING LAB:

601 2008-06-01 To: 2008-06-30 Tra-Det Inc.

Laura K. Wright

PARAMETER	Nitrogen, Ammonia	Chlorine, Total	CBOD 5 day	Fecal Coliforn	n			
PARAMETER CODE	(NH3) 00610	Residual 50060	80082	31616		-		
UNITS	4106	4106	4106	6654				
FREQUENCY	1 / 2 Weeks	1 / 2 Weeks	1/2 Weeks	1/Month				
SAMPLING TYPE	Grab	Grab	Grab	Grab	· · · ·	1		
2008-06-01				<u> </u>				
				<u> </u>				
2008-06-03			ļ	1			•••••	
·	· · · · · · · · · · · · · · · · · · ·							
2008-06-05	L					ļ		
2008-06-06				1		 		
2008-06-07	<u> </u>							
2008-06-08			<u> </u>					
2008-06-09				ļ				
2008-06-10						 		
2008-06-11				<u> </u>				
2008-06-12				<u> </u>				
2008-06-13								
2008-06-14								
2008-06-15								
2008-06-16								
2008-06-17								
2008-06-18								
2008-06-19				<u> </u>				
2008-06-20								
2008-06-21				<u> </u>				
2008-06-22	_							
2008-06-23								
2008-06-24								
2008-06-25								
2008-06-26								
2008-06-27								
2008-06-28								
2008-06-29								
2008-06-30								
Minimum								
Maximum Average			 	 		1		
Count				<u> </u>		 		
Name of Responsible Officia or Authorized Representativ	p certify ander the per	nalty of law that I have particularly and bar			Signature of Responsible Represe		Submission Date/Time	
Adam Hartley	with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.							
					Page 19			

FACILITY:

American Energy Corp Century Mine

PERMIT NUMBER:

*01L00091*GD* <u>2008-06-01</u> To: <u>2008-06-30</u>

LOCATION:

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

MONITORING PERIOD:

PARAMETER COMMENTS:

Station Code Parameter Name Parameter Code Date Unit Comment